

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L5    | 439  | 330/253,255,257,262,264,288.ccls. and (second\$3 adj1 (voltage or supply)) and current adj1 mirror and @ad<="20040330" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/09 14:39 |
| L7    | 45   | amplifier and (second\$3 adj1 (voltage or supply)) and current adj1 mirror and class near1 AB                          | US-PGPUB  | OR               | ON      | 2006/12/09 14:42 |
| L9    | 32   | amplifier and (second\$3 adj1 (voltage or supply)) and current adj1 mirror and class near1 AB and ratio                | US-PGPUB  | OR               | ON      | 2006/12/09 14:41 |
| L12   | 7    | amplifier same class near1 AB same (second\$3 adj1 (voltage or supply)) and current adj1 mirror                        | US-PGPUB  | OR               | ON      | 2006/12/09 14:42 |
| S2    | 597  | (330/255).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/08/15 10:45 |
| S3    | 1189 | (330/253).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/08/15 10:28 |
| S4    | 167  | 330/255.ccls. and (class near1 AB)   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2005/08/15 10:32 |
| S5    | 872  | (330/257).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/08/15 10:45 |
| S8    | 135  | cascode and (current adj mirror) and (class near1 ab)  | USPAT   | OR               | ON      | 2005/08/15 11:06 |
| S10   | 382  | (fold\$3 near1 cascode) and (current near1 mirror)   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2005/08/15 11:13 |
| S11   | 226  | (fold\$3 near1 cascode) and (current near1 mirror) and "330"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2005/08/15 11:14 |
| S12   | 64   | (fold\$3 near1 cascode) and (current near1 mirror) and "330"/\$.ccls. and (class near1 AB)                             | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2005/08/15 11:14 |
| S19   | 338  | 330/255.ccls. and ((class near1 ab) or (push near1 pull)) and @ad<="20040330"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/10 09:11 |

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|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S20 | 606 | 330/255.ccls. and @ad<="20040330"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/09 10:46 |
| S22 | 1   | ("20050218982").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/03/16 14:53 |
| S30 | 324 | (330/255,262,264).ccls. and (second<br>adj (supply or voltage or power)) and<br>@ad<="20040330"                                     | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/03/09 13:35 |
| S34 | 101 | 330/174.ccls. and (piezo or<br>piezoelectric\$3)  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/03/09 15:21 |
| S41 | 115 | (piezo or piezoelectric\$3) and head<br>and (mass near1(storage or data))<br>and amplifier  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/03/09 15:46 |
| S43 | 139 | "310"/\$.ccls. and (piezo or<br>piezoelectric\$3) and amplifier and<br>(second adj1 (supply or voltage or<br>power))                | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/03/09 15:50 |
| S44 | 72  | "310"/\$.ccls. and (piezo or<br>piezoelectric\$3) and amplifier and<br>(second adj1 (supply or voltage or<br>power)) and transistor | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/03/09 15:51 |
| S45 | 355 | (second adj2 rail) and ((class near1<br>ab) or (push near1 pull)) and<br>@ad<="20040330"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/10 09:41 |
| S46 | 16  | (second adj2 rail) and ((class near1<br>ab) or (push near1 pull)) and<br>@ad<="20040330" and "330"/\$.ccls.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/10 09:16 |
| S47 | 80  | (second adj2 rail) and ((class near1<br>ab) or (push near1 pull)) and<br>@ad<="20040330" and amplifier                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/10 09:16 |
| S49 | 13  | (second adj2 rail) and ((class near1<br>ab) or (push near1 pull)) and<br>@ad<="20040330"  | EPO; JPO;<br>DERWENT;<br>IBM_TDB                                  | OR | ON  | 2006/03/10 09:28 |

## EAST Search History

|     |     |  |  |    |    |                  |
|-----|-----|--|--|----|----|------------------|
| S50 | 226 | ((second adj2 rail) or (second adj2 (voltage or power or suppl\$3))) and ((class near1 ab) or (push near1 pull)) and @ad<="20040330" | EPO; JPO; DERWENT; IBM_TDB                         | OR | ON | 2006/03/10 09:29 |
| S51 | 119 | ((second adj2 rail) or (second adj2 (voltage or power or suppl\$3))) and ((class near1 ab) or (push near1 pull)) and amplifier       | EPO; JPO; DERWENT; IBM_TDB                         | OR | ON | 2006/03/10 09:41 |
| S52 | 535 | 330/255.ccls. and second\$5 and @ad<="20040330"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/10 09:42 |